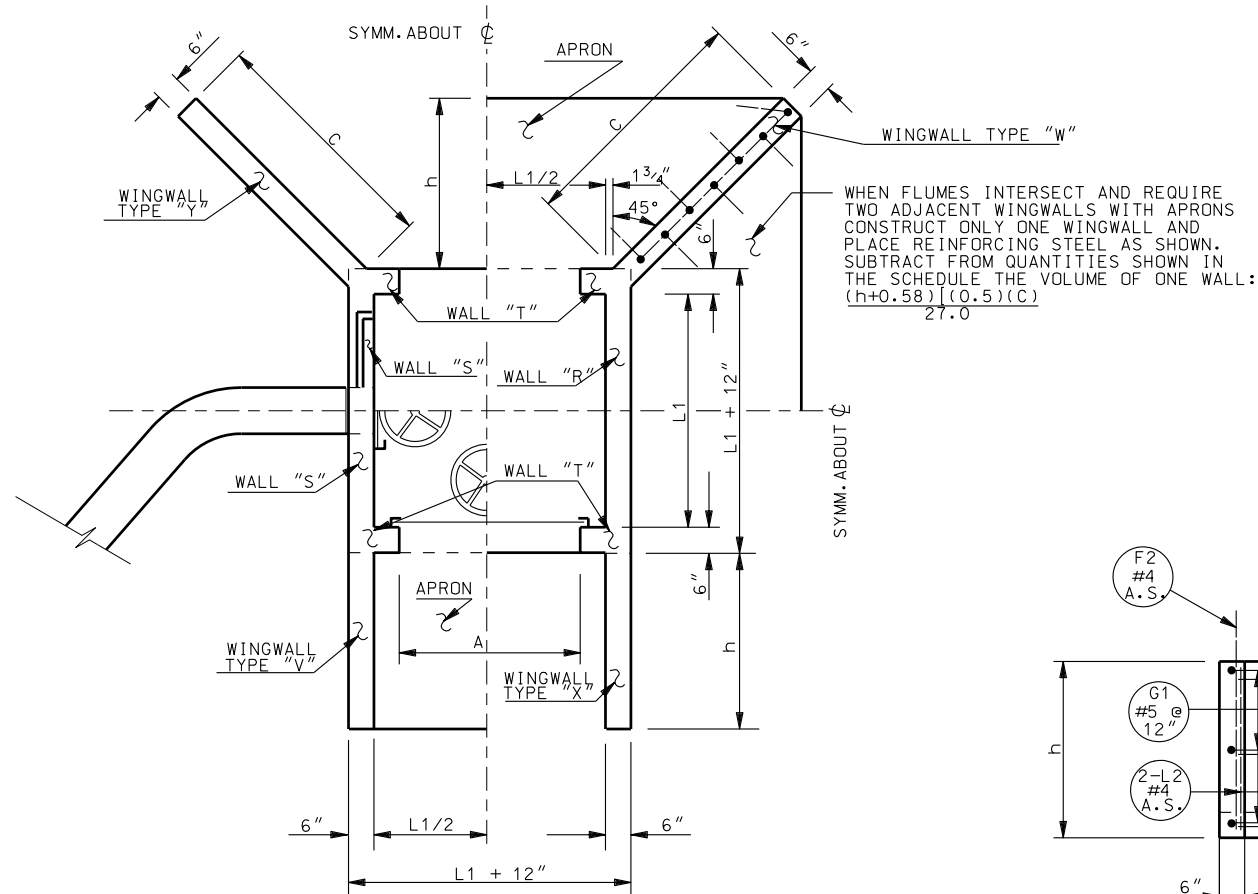
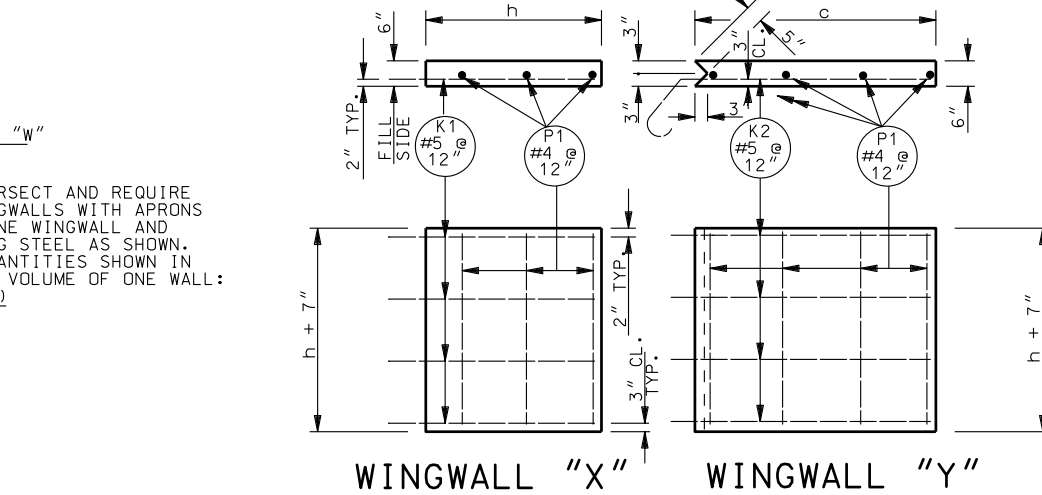


D:\18-DEC-2007 DGN File\LAStandard Drawings\Imperial\2008Approved\Diversion Boxes (DB)\DB02A.dgn



DIVERSION BOX W/INTERCHANGEABLE WALLS  
PLAN VIEW

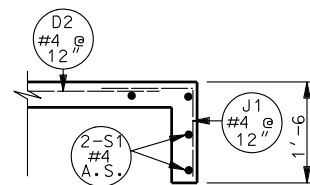


PLAN

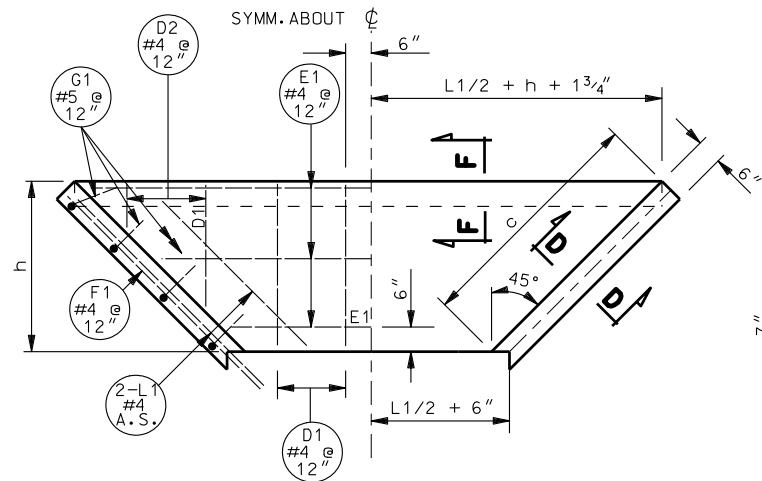
SECTION E-E

APRON & WINGWALLS TYPE "V"

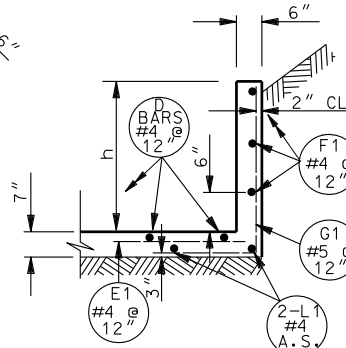
PROVIDE CUT-OFF WALL ONLY WHEN CALLED FOR IN NOTE.  
PROVIDE WHEN SO SPECIFIED, FOR ALL APRONS SHOWN IN NOTE.  
SEE ROADWAY PLANS.



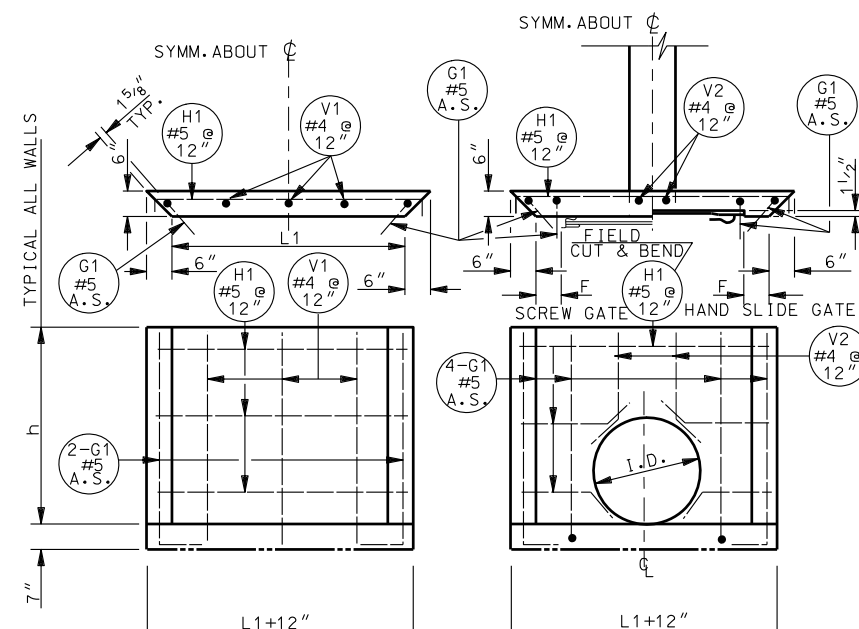
SECTION F-F



PLAN  
APRON & WINGWALLS TYPE "W"



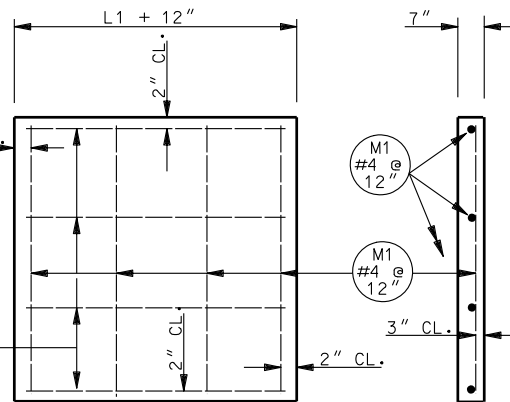
SECTION D-D



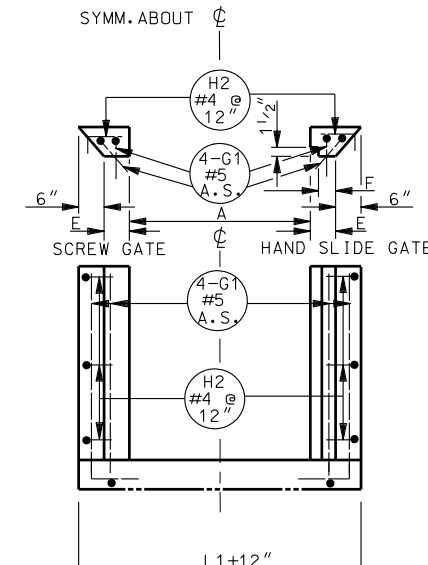
WALL "R"

WALL "S"

(PIPE ARCH SIMILAR)



BOTTOM SLAB

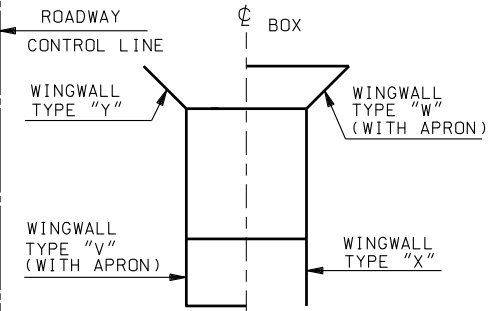


WALL "T"

NOTES:

INTERPRETATION OF SCHEMATIC SKETCH ON  
ROADWAY PLAN AND PROFILE SHEET TO INCLUDE:

1. ORIENTATION OF DIVERSION BOX RELATIVE TO  
ROADWAY CONTROL LINE.
2. TYPE OF WALL SPECIFIED FOR EACH BOX WITH  
ACCOMPANYING GATE AND CUT-OFF WALL  
REQUIREMENTS.
3. HINGET LID REQUIREMENTS.
4. FOR GENERAL NOTES SEE STD DWG DB 2B



SCHEMATIC SKETCH  
SEE ROADWAY PLAN AND PROFILE SHEET

BOTH "S" AND "T" WALLS HAVE THE OPTION OF HAND SLIDING GATE.  
WHEN SELECTING THIS OPTION THE CONCRETE LISTED IN THE TABLES  
ARE TO BE MODIFIED BY SUBTRACTING FROM THEM THE BLOCK-OUT  
AS DETERMINED BY THESE FORMULAS: "T" WALL -  $0.25h(E-F)/27$ ;  
"S" WALL -  $h(L1-2F)(0.125)/27$

REVISIONS

UTAH DEPARTMENT OF TRANSPORTATION  
STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION

STANDARD DIVERSION BOX  
W/INTERCHANGEABLE  
WALLS, BOTTOM SLAB,  
WALLS AND APRON  
DETAILS

STD DWG  
DB 2A

RECOMMENDED FOR APPROVAL  
CHAIRMAN STANDARDS COMMITTEE  
APPROVED  
DEPUTY DIRECTOR  
JAN 01 2008  
DATE  
JAN 01 2008  
DATE

REMARKS

NO. DATE APPR.

STANDARD DRAWING TITLE